Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 16 Jan 2023 until 23:59 on Tuesday 17 Jan 2023

Forecast Issued on Sunday 15 Jan 2023 at 09:57

Confidence: High for colder, generally settled start, but lowering for detail of transition to less cold conditions in the outlook period.

Headline for Monday 16 Jan 2023: Cold but largely dry and bright. Relatively light winds but still bringing a severe chill effect.

Mountain weather hazards on Monday 16 Jan 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Cloudy	Partly cloudy (night)	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability							
70%	20%	<05%	00%	00%	<05%	<05%	<05%

Forecast for Monday 16 Jan 2023

Weather: Rather cloudy at first overnight with showers or longer periods of snow, rain below 300m, however dry and clear conditions feeding from the north before dawn. Vast majority staying dry through the day with prolonged periods of weak winter sunshine, however the odd light snow shower may appear across western most areas of the park for the afternoon and evening.

Chance of cloud-free hill tops above 600m: By day virtually 100%

Low Cloud and visibility: Very good or excellent, perhaps briefly very poor in any later snow showers that appear in the far west.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 16 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 SE	8/13 N	10/16 N	10/16 N	12/17 NW	11/16 W	11/17 W	10/16 W	10/15 W
300	3/7 NE	7/14 N	7/15 N	7/16 N	8/15 NW	7/15 W	6/14 W	4/12 W	4/10 W
Valley	4/6 NE	7/14 N	5/13 N	3/12 N	5/12 NW	4/10 W	2/7 NW	2/6 NW	2/5 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-4	-2/-7	-4/-9	-5/-11	-4/-10	-4/-9	-5/-11	-5/-11	-6/-12
300	-0/-2	-0/-4	-1/-5	-3/-8	-1/-5	-1/-5	-4/-7	-4/-7	-5/-8
Valley	1/-0	1/-2	-0/-3	-3/-5	0/-2	1/-1	-3/-5	-4/-6	-4/-6
Freezing Level*	300m	200m	100m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill, particularly at height

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 15 Jan 2023	9.4mm	23.2mm	35.2mm

Forecast for Tuesday 17 Jan 2023

Weather: Similar to Monday, wintery cold but largely dry with prolonged periods of weak sunshine. Again the odd light snow shower may appear across western most areas of the park.

Maximum wind: West or northwest 15mph or less

Chance of cloud-free hill tops above 600m: Virtually 100%

Low Cloud and visibility: Very good or excellent, perhaps briefly very poor in any snow showers that appear in the far west.

Temperature: **Valleys:** Minus 8 Celsius increasing plus 1 Celsius during the afternoon
At 600m: Minus 4 or 5 Celsius
Freezing level: At or near surface

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